	LEGEND (OF SYMBOLS
	17+00 (NEW), 17+00 (OLD)	CHANNEL STATIONING
	⊙ 417	CHANNEL CORNER
	⊚ H.L.F.	HARBOR LINE CORNER
		FEDERAL CHANNEL
		HARBOR LINE
		SUBMARINE CABLE
	Рc	CAN BUOY
	\mathcal{Q}_{N}	NUN BUOY
	8	LIGHTED BUOY
	\	FIXED LIGHT
	\ \\$	LIGHT HOUSE
	W	LIGHT COLOR WHITE
	R	LIGHT COLOR RED
	G	LIGHT COLOR GREEN
	FL	FLASHING LIGHT
	F	FIXED LIGHT
	Oc	OCCULTING LIGHT
	Iso	EQUAL INTERVAL
	AL	ALTERNATING
	Q	QUICK (FLASHING)
	S	LIGHT CYCLE SECONDS
_		

SITE SPECIFIC NOTES:

SAFETY PAYS

- 1. PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 243.3 FEET IGLD 1985.
- 2. HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) NEW YORK STATE PLANE COORDINATE SYSTEM—CENTRAL ZONE.
- 3. PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
- 4. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. HENNEBERGER AND PARTY ON OCTOBER 12, 2021 USING: GPS POSITIONING: GPS BASE STATION W/RTK TIDES
 SONAR HEAD: 200 KHZ CEESCOPE
 3.0 DEGREE TRANSDUCER
 VELOCITY PROFILER; SONTEK CASTAWAY

HYPACK SURVEY SOFTWARE SURVEY LAUNCH "LOWE BOAT"

- 5. THE SOUNDING INFORMATION DEPICTED ON THE MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION AT THAT TIME.
- 6. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

CHAN	NEL CORNERS	COORDINATES
POINT	NORTHING	EASTING
1		919798.70
2		920911.45
3		920938.08
4		921034.84
11		919888.07
12		921001.18
13	1302635.86	921117.31
	CHAN POINT 1 2 3 4 11 12 13	CHANNEL CORNERS POINT NORTHING 1 1305058.35 2 1303051.81 3 1303003.79 4 1302615.30 11 1305108.77 12 1303101.56 13 1302635.86



US Army Corps of Engineers Buffalo District



